

Amendments to the Specification

Applicant is correcting the misspelling of the term "Derivatiative" to "Derivative" at Page 15, line 2. As such, please replace paragraph [0047] of the application (published version) with the following amended paragraph:

[0047] Many operations in a chemical process are routinely controlled using a Proportional Integral ~~Derivative~~ Derivative (PID) controller. These controllers, while very useful in a conventional setting, are not preferred for the present invention. Such controllers are designed and used to monitor a single process variable and perform their control function based upon that single variable. In an embodiment of the present invention, many PID controllers, are used in conjunction with a second controller that can receive data from the PID controller and then reprogram the PID controller based upon the total inputs from the reactor sensors and controllers.

Amendments to the Claims:

Claims 3-5, 7, and 9-11 are allowable, if rewritten. Other claim amendments have been made, as follows:

Listing of Claims:**WHAT IS CLAIMED IS:**

1. (Cancelled)
2. (Cancelled)